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**HAMRE, SCHUMANN,  
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FAX TRANSMISSION November 21, 2006

TO: Mail Stop: AMENDMENT  
Examiner: UNKNOWN  
Commissioner for Patents  
PO Box 1450  
Alexandria, VA 22313-1450

FROM: Douglas P. Mueller

OUR REF: 14434.0112USWO

TELEPHONE: (612) 455.3800

Total pages, including cover letter:

30

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Title of Document: **Supplemental Information Disclosure Statement, Form 1449, 10 references, Form PCT/IB/338, Form PCT/IB/373, Form PCT/IB/237.**

Applicant: IWAMURA

Serial No.: 10/590105

App. Filed: August 22, 2006

Group Art No.: unknown

Please charge any additional fees or credit overpayment to Deposit Account No. 50-9478. Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.


By: 

Name: Douglas P. Mueller

Reg. No.: 30,300

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Nicole E. Landree

  
Signature

November 21, 2006

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: IWAMURA et al. Examiner: unknown  
Serial No.: 10/590,105 Group Art Unit: unknown  
Filed: August 22, 2006 Docket: 14434.0112USWO  
Title: CARBON-BASED THIN FILM, AND PROCESS FOR PRODUCING  
THE SAME, AND MEMBER USING THE THIN FILM

CERTIFICATE UNDER 37 CFR 1.6(d): I hereby certify that this paper is being transmitted by facsimile to the  
U.S. Patent and Trademark Office on NOVEMBER 21, 2006.

By:   
Name: NICOLE LANDREE

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed.

A concise explanation of the relevance of each non-English language document or other information is as follows (37 C.F.R. §1.98(a)(3)): JP 2001-261318 corresponds to US 2001/0031346; JP 2004-261632 corresponds to US 2006/0014638; JP 61-26786 corresponds to US 4,643,951 and US 4,619,865.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND

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- ☐ the requisite Statement is below, AND
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

#### STATEMENT

As required under §1.97(e), Applicants hereby state either that:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
- ☐ If this box is checked, Applicant provides the following:

#### Certification Under 37 C.F.R. §1.704(d)

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- ☐ The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

Application No.

Filing Date

Group

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

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**FEE AUTHORIZATION**

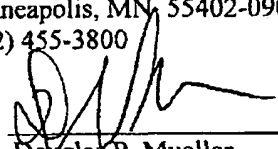
Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.

Post Office Box 2902  
Minneapolis, MN 55402-0902  
(612) 455-3800

Dated: November 21, 2006

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM:nel

Date Mailed: NOVEMBER 21, 2006

Sheet 1 of 1

<b>FORM 1449*</b> <b>SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b> (Use several sheets if necessary)	Docket Number: 14434.112USWO	Application Number: 10/590,105
	Applicant: IWAMURA	
	Filing Date: AUGUST 22, 2006	Group Art Unit: UNKNOWN

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2001/0031346	10.18.2001	IWAMURA			
	2006/0014638	1.19.2006	IWAMURA			
	4,643,951	2.17.1987	KEEM et al.			
	4,619,865	10.28.1986	KEEM et al.			

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2004-261632	24.9.2004	JP			SEE IDS	
	61-26786	06.05.86	JP			SEE IDS	
	9-309713	1997.12.2	JP			ABSTRACT	
	2001-106516	2001.04.17	JP			ABSTRACT	
	2002-28483	2002.01.29	JP			ABSTRACT	
	2001-261318	2001.9.26	JP			SEE IDS	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		

**52835**  
PATENT TRADEMARK OFFICE

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

\*Substitute Disclosure Statement Form (PTO-1449)

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE